ABSTRACT OF THE DISCLOSURE

Various binding information techniques are provided for a telecommunications network (20) having separated call and connection layers. In a first embodiment of the invention, binding information is associated with connection endpoint information for a first connection end point (36A) at a first end node (22A) of the network. In a second embodiment, an ATM end system address (AESA) is associated with a first connection end point at the first end node and is transmitted in the call layer to the second end node, and included in connection layer signaling sent from the call layer to the connection layer. Upon receipt of the connection layer signaling at the first end node, the first end node uses the AESA to through connect the ATM switch in the physical layer to the first connection endpoint. In a third embodiment, a dynamic ATM end system address (AESA) is associated both with a first end node of the network and with a first connection end point at the first end node. Since the dynamic AESA is reusable for association with other connection end points at the first end node, a table maintained at the first end node keeps track for which end point the dynamic AESA is currently used. In a fourth embodiment, connection endpoint information for a first connection end point of a first end node of the network is included in a vacant or otherwise unused field in an ATM end system address (AESA) of the first end node.